

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TOKYO ELECTRON LTD  
(72)Inventor : KAZAMA KOICHI  
KOIZUMI KATSUYUKI  
TAGUCHI CHIHIRO  
ONO KATSUHIKO  
SAKANO SHINJI

(30)Priority

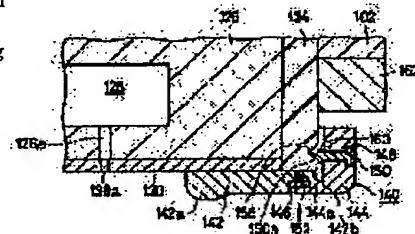
Priority number : 09 24312    Priority date : 23.01.1997    Priority country : JP

**(54) PLASMA PROCESSING DEVICE**

**(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide a shield ring by which an interval of cleaning or exchanging can be lengthened and further a maintenance cost can be reduced.

**SOLUTION:** The shield ring 140 is constituted of an inside member 142 and an outside member 144 and the inside member 142 is arranged at a position where deposit is easily stuck thereto and sputtering is easily executed. Further, the inside member 142 is formed of an insulating resin such as a polyimide series resin which is more hardly stack with deposits than the outside member 144 and is hardly sputtered and has heat resistance and sputtering resistance.



## LEGAL STATUS

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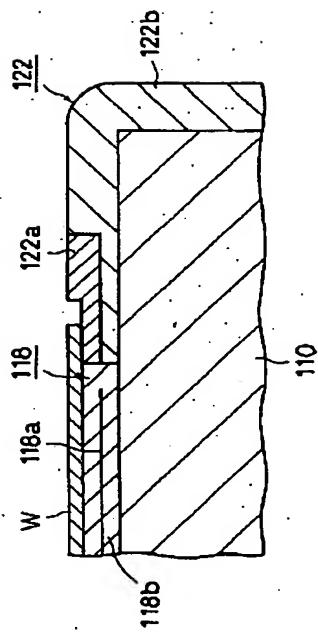
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2. \*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

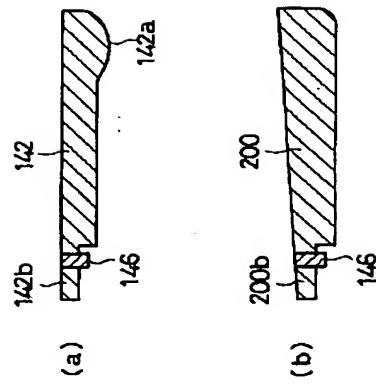
DRAWINGS

[Drawing 2]

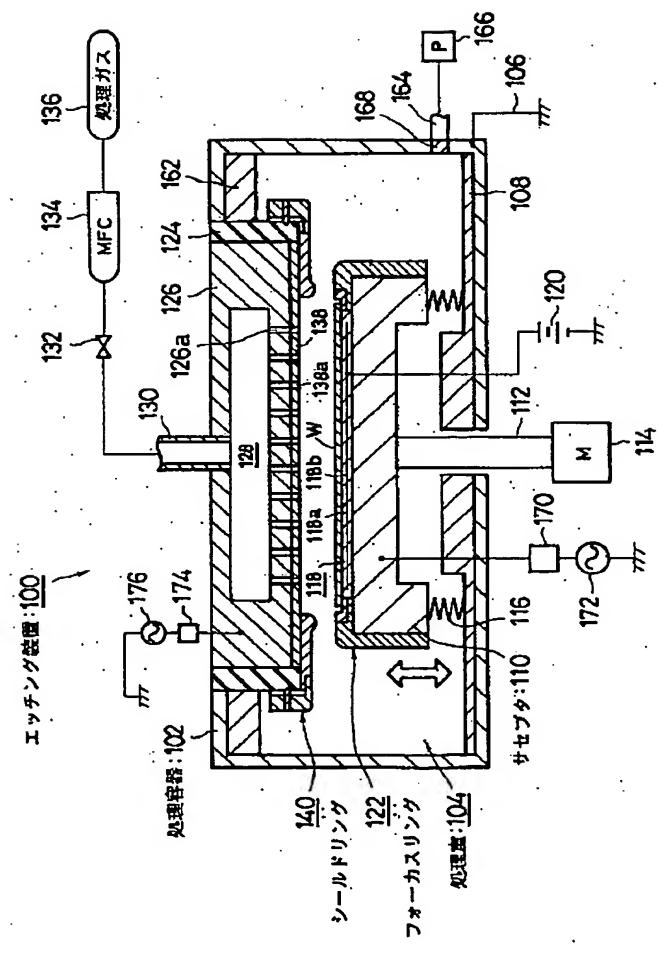


[Drawing 5]

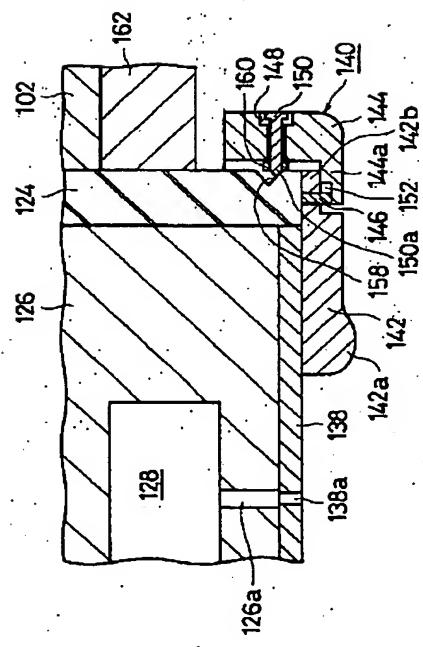
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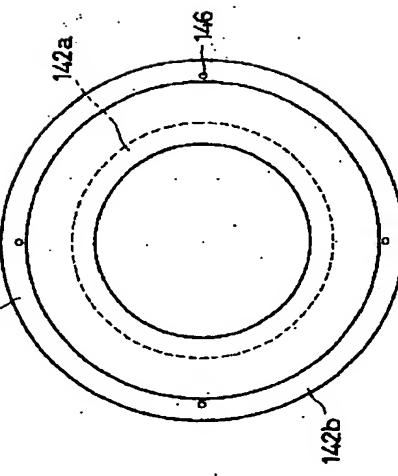
### [Drawing 1]



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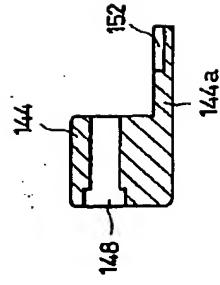


[Drawing 4]<sub>142</sub>

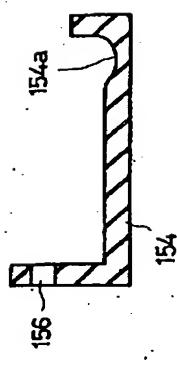


[Drawing 7]

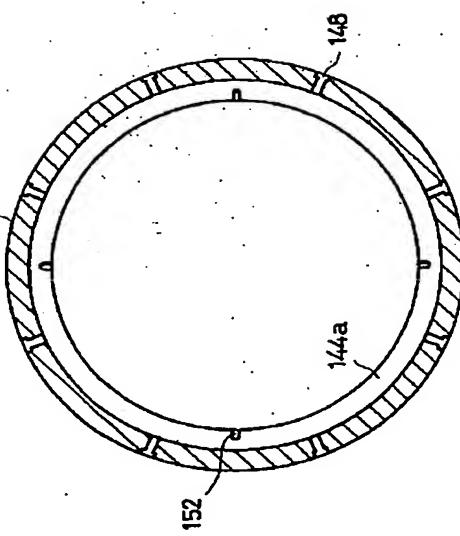
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[Drawing 9]

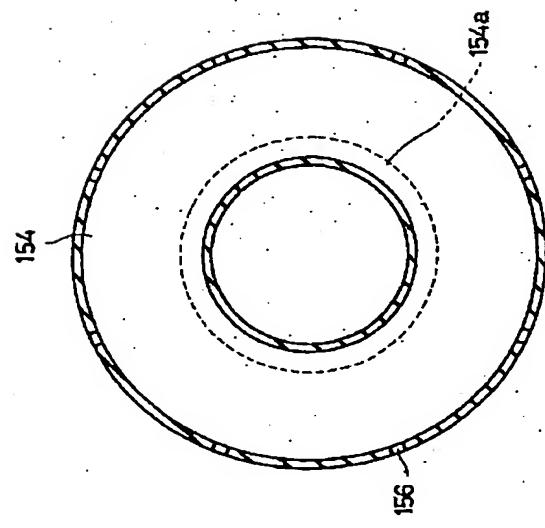


[Drawing 6]

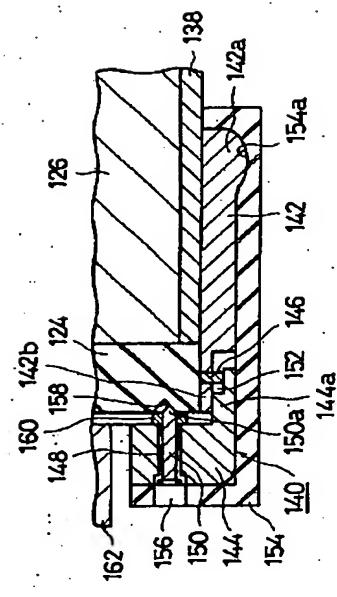


[Drawing 8]

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[Drawing 10]



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[Translation done.]